

SPECIMEN LABEL

WARNING

KEEP OUT OF REACH OF CHILDREN
READ LABEL COMPLETELY BEFORE OPENING OR USING

PYRAMIN[®] DF

A selective herbicide for weed control in fodder beet, red beet, sugar beet, mangolds, onions, chives and leeks.

Contains 650 g/kg chloridazon in the form of a water dispersible granule.

Group	C1	Herbicide
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5 kg

Registered to and distributed by:
BASF New Zealand Limited
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 **BASF**
We create chemistry

Hazard Classification

6.1E, 6.5B, 9.1A, 9.2A



WARNING

HARMFUL. This substance may be harmful if swallowed, inhaled or absorbed through the skin. May cause sensitization from prolonged skin contact.

VERY TOXIC TO AQUATIC LIFE.

VERY TOXIC TO THE SOIL ENVIRONMENT. Selective herbicide - very toxic to some plant species (certain plants may be killed or damaged from uptake of this product).

PRECAUTIONS

HANDLING: This product must be under the control of an APPROVED HANDLER when applied in a wide dispersive manner or used by a commercial contractor.

STORAGE: Keep out of reach of children. Store in original container, tightly sealed, away from seed and foodstuffs. Stores containing more than 100 kg require emergency response plans and are subject to signage.

TRANSPORT: Do NOT carry this product on a passenger service vehicle.

SPILLAGE: Prevent further spillage and product from entering drains and waterways. Wear overalls, gloves, footwear and dust mask. Sweep up spill and place in sealable container for disposal. Wash affected area with water and detergent. Absorb and collect washings and place in the same sealable container as the spilled material. Dispose of the waste safely at an approved landfill.

PERSONAL PROTECTION: When mixing or applying wear cotton overalls buttoned to the neck and wrist, waterproof gloves and goggles.

GENERAL SAFETY AND HYGIENE MEASURES: Avoid contact with skin or inhalation of spray mist. Do NOT eat, drink or smoke while using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Store work clothing separately.

USE: Apply with well-maintained and accurately calibrated equipment. Do NOT apply onto or into water. Do NOT allow spray drift outside the target area to occur. Do NOT allow drift over surface water such as ponds, waterways or drains. Clean out application equipment thoroughly after use. Do NOT contaminate surface or ground water when disposing of equipment wash waters.

RECORD KEEPING: Records of use must be kept if 3 kg or more is applied in a place where the substance is likely to enter air or water and leave the place.

NOTE: Storage, application and record keeping must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

DISPOSAL: Container: Ensure pack is completely empty. Crush and bury in suitable landfill.

Product: Dispose of this product only by using according to the label or at an approved landfill. Do NOT burn product. Do NOT contaminate any water supply with product or used container.

FIRST AID

If swallowed, do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISONS (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Do NOT scrub the skin. If splashed in eyes, wash out immediately with water.

GENERAL INFORMATION

PYRAMIN DF is a soil acting herbicide, which controls germinating weeds by root absorption, during or shortly after weeds emerge. For optimum results, soil moisture should be adequate for good plant growth at the time of application. PYRAMIN DF may be incorporated to a depth of 2.5 to 6 cm prior to sowing beet crops in semi-arid regions. For post emergence applications, PYRAMIN DF must be applied before weeds pass the two true leaf stage of development. PYRAMIN DF should not be applied over crops suffering from stress.

WEEDS CONTROLLED

Susceptible: fathen, wild radish, chickweed, charlock, water purslane, penny cress, willow weed, redroot, speedwells, black nightshade, rayless chamomile, groundsel, winter cress, galinsoga, docks, annual poa, wild carrots.

Moderately susceptible: summer grass, cleavers, barnyard grass, fumitory, curled dock, spurrey. Weeds such as thistles, couch and all weeds grown past the two-leaf stage are resistant to this chemical.

RESISTANCE MANAGEMENT

PYRAMIN DF contains chloridazon, a herbicide from the pyridazinone family with inhibition of photosynthesis at photosystem II mode of action, **GROUP C1 HERBICIDE**. Weeds resistant to chloridazon and other Group C1 herbicides could eventually dominate from excessive use of these herbicides. To minimise this risk use strictly in accordance with label instructions. PYRAMIN DF should be used in a programme that incorporates effective herbicide products with different modes of action. Refer to the NZCPR web site (www.nzpps.org/resistance/index.php) for more detailed information.

DIRECTIONS FOR USE

Beware: Apply this product carefully. Spray drift may cause serious damage to other desirable plants.

Apply PYRAMIN DF in 200 to 900 litres water per hectare through accurately calibrated boom spray equipment.

Crop	Rate/ha		Remarks
	Loam, sand loam, loamy sandy soils.	Loam clay, silty clay, humus soils and when the principal weeds are barnyard grass, summer grass and cleavers.	
Fodder beet Mangolds Red beet Sugar beet	4.5 to 6 kg	6 to 7 kg	Pre emergence - apply as soon as possible after planting and before crop emergence. Post emergence - apply after the first true leaves of the crop are completely visible between the cotyledons. The most advanced weeds should not have passed the two-leaf stage. Do not spray within 8 days before thinning. A second application may be made after thinning following mechanical and hand weeding to remove weeds passed the two-leaf stage.
Onions Chives	1.2 kg or 0.6 kg Apply a second application at 3 weeks.	1.8 kg or 0.9 kg Apply a second application at 3 weeks.	Post emergence - apply from the flag stage of onion growth onwards. Use the rate indicated for the soil type present. Use a non-ionic surfactant. Post emergence - apply one application at the flag stage of onion growth followed by a further application 3 weeks later. Use a non-ionic surfactant.
Leeks	1.2 kg	1.8 kg	Post transplant - apply as soon as practical after planting. Use a non-ionic surfactant.

Notes:

- 1) Seed bed must be firm, fine and moist.
- 2) PYRAMIN DF will be activated by soil moisture after application and be effective on weeds provided that they are still at a susceptible stage of growth.
- 3) Irrigation is recommended when applied under dry conditions.
- 4) Crop damage may occur on light soils. Do not exceed recommended rates.
- 5) Residues remain in the soil for 4 to 8 weeks. If treated areas must be replanted within this time, plant only maize, potatoes, sunflower, carrots, onions or spinach. Other crops will be injured.
- 6) The addition of a non-ionic surfactant will improve control of emerged weeds in onions, chives and leeks.
- 7) PYRAMIN DF may be hand applied or applied with drop nozzles where required.

MIXING

Measure the required amount of PYRAMIN DF and add directly to the partly filled spray tank with agitation operating. Complete filling tank and maintain agitation until spraying is complete. Companion products should be added after PYRAMIN DF is mixed into the spray solution.

WITHHOLDING PERIOD

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residue Limits of Agricultural Compounds) Food Standards.

CONDITIONS OF SUPPLY

Read conditions of supply before buying and using. If these conditions are unacceptable, return at once unopened. All goods supplied by BASF New Zealand Ltd. are of a high grade and conform to the chemical description of the label. However, to the extent permitted by law, neither BASF nor any of its Distributors accept any liability or responsibility whatsoever for any loss, damage or injury whether direct, indirect or consequential howsoever arising in connection with the supply of those goods including without limitation their storage, application, handling or use. BASF New Zealand Ltd. nor any of its Distributors, make no warranties of any kind, express or implied, with respect to fitness for purpose (including crop injury, ineffectiveness or any other unintended consequence), merchantable quality or any other matter with respect to these goods. When you are a consumer as defined in the Consumer Guarantees Act 1993 (the "Act") these conditions will be subject to the provisions of the Act. However the Act will not apply to goods supplied to you for business purposes.

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